Amendments

Amendments to the Claims:

Claims 1 - 22 (Cancelled).

23. (New) An osteal implant comprising:

a post, said post having a first end and a second end;

said first end having a mount for a device to be implanted;

said second end being attached to a base;

said base being substantially orthogonal to said post in at least two non-parallel directions;

said base having a bottom surface and said bottom surface having a lower most extent; and

said base having a top surface, said top surface having a first portion having a topmost extent; and

at least one of said top surface or said bottom surface having a second portion having a second extent different from said topmost extent or said lower most extent.

- 24. (New) The implant of claim 23 wherein at least one of said top surface or said bottom surface of said base has a third portion, said third portion being equivalent to said top most extent and said third portion being separated from said first portion by said second portion.
- 25. (New) The implant of claim 23 further comprising a first group of portions, at least one of said first group of portions having said topmost extent, and a second group of portions, said second group of portions having an extent in a direction parallel to said shaft that is less than an extent in a direction parallel to said shaft of an adjacent portion from said first group.

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- 26. (New) The implant of claim 25 wherein said first portions and second portions alternate periodically.
- 27. (New) The implant of claim 25 wherein said first portions and second portions alternate comprising corrugation.
- 28. (New) The implant of claim 23 wherein at least one of said portions has a sharp edge.
- 29. (New) The implant of claim 23 wherein at least one of said portions constitutes a ridge.
- 30. (New) The implant of claim 23 wherein at least one of said portions constitutes a trough.
- 31. (New) The implant of claim 23 wherein at least one of said portions is curvilinear, at least a portion of said curve being substantially concentric with said post.
- 32. (New) The implant of claim 23 wherein at least one of said portions comprises a spiral.
- 33. (New) The implant of claim 23 wherein at least one of said portions comprises a bowl like depression.
- 34. (New) The implant of claim 32 wherein said depressions vary in depth and arrange from about 0.05 millimeters to about 0.25 millimeters.
- 35. (New) The implant of claim 23 wherein said base has an outer perimeter and said outer perimeter includes at least three substantially straight edges.

- 36. (New) The implant of claim 23 having a lateral insertion direction and wherein said first and second portions comprise barbs oriented to resist extraction of said implant in a direction opposite said direction of insertion.
- 37. (New) The implant of claim 23 wherein said portions comprising ridges are curvilinear and concave to a direction of insertion and substantially vertical on a base oriented substantially opposite from the direction of insertion.
- 38. (New) The implant of claim 23 wherein said first portions and second portions vary in extent radially.
- 39. (New) The implant of claim 23 wherein said second portion is at a marginal zone of said base, said marginal zone being substantially along a portion of a periphery of said base.
- 40. (New) The implant of claim 38 wherein said marginal zone varies in radial distance from said post.
- 41. (New) The implant of claim 38 wherein said marginal zone comprises reentrant angles.
 - 42. (New) An osteal implant comprising:

 a post, said post having a first end and a second end;

 said first end having a mount for a device to be implanted;

 said second end being attached to a base;

said base being substantially orthogonal to said post in at least two non-parallel directions, said base being substantially planar; at least one of a top surface or a bottom surface of said base having a first height at a first radial distance from said post and a second height at a second radial distance from said post.